

Carrizozo News

CARRIZOZO, NEW MEXICO.

The Philippines have about 200 miles of railroads.

Millions in water power is not the same thing as millions in water in Wall street.

Some of these beauty doctors should try to get a reputation by removing those spots from the sun.

Europe is all furnished up for the American tourist, and the pockets of the hotelkeepers have been reinforced.

Louisiana has a steel sawmill with a capacity of 600,000 feet a day, which is said to be the largest in this country.

While the flounder is a salt-water fish specimens have been found in the Rhine as far up as Mayence, and even in the Necker.

For many months an eastern girl kept her marriage to a nobleman secret. It's curious, though, how things will get out on one.

A firm is now losing money on a patent medicine that once made millions. They should re-label it and sell it as furniture polish.

It is difficult in England to arouse an interest in the preservation of forests because of the universal substitution of coal for wood as fuel.

It may be true, as a scientific sharp declares, that a fly carries around 250,000 disease germs on each foot, but they don't seem to hurt the fly.

Probably stock gambling can never be stopped.—New York World. This should cause Wall street to brighten up and look a little cheerful once more.

"Does the 'Merry Widow' hat endanger men's souls?" asks the Baltimore Sun. We can't speak for their souls, but it seems to be pretty bad for their eyes.

China is just beginning to use butter. In time we may be able to introduce the Chinese to breakfast cereals, cold-storage eggs and other substitutes for food.

A poet was beheaded in Hayti a few days ago. It should be explained, however, that he was executed on account of his political affiliations, and not because of his poetry.

The smooth-shod faces of our sailor boys may set a new fashion in Auckland. The New Zealand cast of countenance is the kind which symbolizes hard times for the barber.

According to a Baltimore commission man two-thirds of the human creatures on earth will be slain in October, 1914. His millennium must be particularly attractive to the undertakers.

New York city has 238 pawnbrokers, and such is the nature of their business that the law requires that their books shall be open to the mayor, criminal courts, magistrates and police.

A young Brooklyn wife went home to her mother because her husband hid her pet kittens. The court, however, refused to allow her to take her household goods with her. Problem: Find the kittens.

And speaking of the indiscretions of the kaiser, they are recalling his first notable one, when, at the early age of five, he grabbed Bismarck's big mustache and gave it a terrible twist. "Believe me, your highness," said the royal nurse who gave him a flogging, "what I have done pains me as much as it does you." "Perhaps so, but not in the same place," said the future kaiser.

HORTICULTURE



POTATO SCAB.

Some Suggestions for the Treatment of the Disease.

The true potato scab is a skin disease, and develops from a germ. A picture of scabby seed is shown. There will be no scab on the crop unless these germs are either in the soil when the crop is planted or on the seed. Prevention therefore depends upon two things. We should avoid planting in soil where the germs are found. If this is impossible we should handle the soil so that the germs will not be active. It seems to be settled that sulphur acts to destroy the germs. Some potato growers in places where scab is bad put sulphur in the hill or drill. When potato planters are used the sulphur is mixed in the hopper and dropped with the seed into the furrow. It helps destroy the scab and prevents the seed pieces from rotting, especially in a damp season. The scab germs develop best in an alkaline soil. Lime, wood ashes and manure are all alkaline, and will usually cause trouble when the soil is known to be well supplied with the germs. When a green crop is plowed under the soil is soured more or less, and this condition is best for scabby ground or seed. We have known farms



Scabby Potatoes.

where a five-year rotation is followed to show some curious results. One field would show far more scab than another and some seasons seem to favor the growth of scab. On those farms potatoes follow corn, and we think there is less scab when crimson clover is seeded in the corn and plowed under in spring. This seems to show that the theory about a sour soil is sound.

There are three methods of treating the seed—dusting with sulphur, soaking with some chemical to destroy the germs, and fumigation. The dusting is easiest, but not always effective. We cut the seed into peach baskets and scatter three handfuls of sulphur over the seed as it is put in. The basket is shaken down at intervals. As it stands in a paper the sulphur which falls through can be saved. For soaking formalin is now generally used. This liquid chemical, also called formaldehyde, can be bought at drug stores. The proportion is one pint of formalin to 20 gallons of water. It can be put in a barrel or large tank, depending on the amount of seed to be soaked. We use two barrels, one with the soaking liquid and the other containing clear water. The potatoes are first rinsed in the water. They are put in a coarse sack and soured up and down in the barrel. An easy way to do this is to have a pulley fastened over the barrel so that the bags can be easily raised or lowered. After rinsing the bag is lowered into the solution and kept there two hours. Then the potatoes are taken out, dried and cut. The rinsing takes off the dust, thus making the solution cleaner. Farmers have different methods of doing this soak-

ing. The principle is to keep the seed in long enough to kill the scab germs without hurting the sprouts.

Fumigation is now used by some large growers, says the Rural New Yorker. At first experiments were tried with sulphur fumes, as they are used for fumigating houses, but this did not succeed. Now the gas from formaldehyde is used with success. Instead of soaking the seed in a solution of this chemical it is turned into a gas and held in a close room with the seed. The process is described as follows:

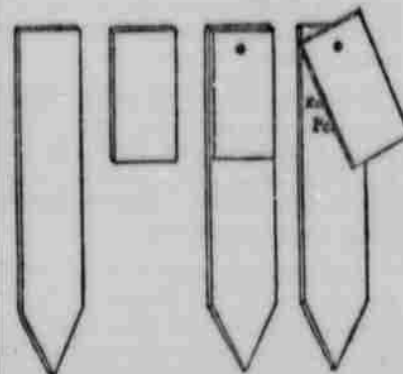
"For a generator a small galvanized washtub about 15 inches in diameter at the bottom was placed in the center of the room about a foot from the floor, midway between the two lines of crates filled with potatoes. When ready to use 3 1/4 ounces of potassium permanganate was spread evenly over the bottom of the tub, then four pints and one ounce of 40 per cent. formaldehyde poured over this. The tub was given one rapid tilt to entirely wet the potassium permanganate with the formalin and then the door was quickly and tightly closed from without. The almost entire absence of the odor of escaping gas while the treatment was in progress indicated that the room was practically airtight. The door remained closed for 24 hours, and when opened the gas was still so strong that it was impossible to work in the room for from 20 to 30 minutes. In fact, three weeks after the disinfection was finished a distinct odor of formaldehyde could be detected in the room. The seed for the entire 20 acres was treated in this way, care being taken to place the treated seed in barrels which had never been used for potatoes before. This is to avoid contamination in taking to the field after treatment."

This amount of the chemicals was figured for the size of the room. The rule is to use 23 ounces of potassium permanganate and three pints of formalin to each 1,000 cubic feet. Under this treatment the seed potatoes gave about as good results as when soaked. The room should be arranged so that none of the potatoes are put directly over the rising gas. It is better to fumigate before the sprouts start. Do not wet the potatoes before fumigating, but pour a small quantity of boiling water on the floor just before starting.

A DURABLE PLANT LABEL.

One Which Will Withstand the Action of the Elements.

A necessity in gardening is a plant label and the best one I have found is made from sections of lath as shown in the accompanying illustration.



Durable Plant Label.

writes a correspondent of Prairie Farmer. The cover is fastened with a single clinched brad or shingle nail, so it will swing. It is quickly and easily made and only the part protecting the name need be smooth. The name may be written in pencil or the printed name from the seed envelope may be glued on. The markers may be used many seasons, gluing fresh names over, or erasing and rewriting.

Mulching is good for all kinds of fruit, especially strawberries. It keeps the moisture in the ground when most needed, and prevents the berries from getting sandy.



More proof that Lydia E. Pinkham's Vegetable Compound saves woman from surgical operations.

Mrs. S. A. Williams, of Gardiner, Maine, writes:

"I was a great sufferer from female troubles, and Lydia E. Pinkham's Vegetable Compound restored me to health in three months, after my physician declared that an operation was absolutely necessary."

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